

WATER FEATURES  
McLean County, North Dakota

The Water Features table gives estimates of various water features. The estimates are used in land use planning that involves engineering considerations. Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The four hydrologic soil groups are:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

The months in the table indicate the portion of the year in which the feature is most likely to be a concern.

Water table refers to a saturated zone in the soil. The Water Features table indicates, by month, depth to the top (upper limit) and base (lower limit) of the saturated zone in most years. Estimates of the upper and lower limits are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors or mottles (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table. Ponding is standing water in a closed depression. Unless a drainage system is installed, the water is removed only by percolation, transpiration, or evaporation. The Water Features table indicates surface water depth and the duration and frequency of ponding. Duration is expressed as very brief if less than 2 days, brief if 2 to 7 days, long if 7 to 30 days, and very long if more than 30 days. Frequency is expressed as none, rare, occasional, and frequent. None means that ponding is not probable; rare that it is unlikely but possible under unusual weather conditions (the chance of ponding is nearly 0 percent to 5 percent in any year); occasional that it occurs, on the average, once or less in 2 years (the chance of ponding is 5 to 50 percent in any year); and frequent that it occurs, on the average, more than once in 2 years (the chance of ponding is more than 50 percent in any year).

Flooding, the temporary inundation of an area, is caused by overflowing streams, by runoff from adjacent slopes, or by tides. Water standing for short periods after rainfall or snowmelt is not considered flooding, and water standing in swamps and marshes is considered ponding rather than flooding.

Duration and frequency are estimated. Duration is expressed as extremely brief if 0.1 hour to 4 hours, very brief if 4 hours to 2 days, brief if 2 to 7 days, long if 7 to 30 days, and very long if more than 30 days. Frequency is expressed as none, very rare, rare, occasional, frequent, and very frequent. None means that flooding is not probable; very rare that it is very unlikely but possible under extremely unusual weather conditions (the chance of flooding is less than 1 percent in any year); rare that it is unlikely but possible under unusual weather conditions (the chance of flooding is 1 to 5 percent in any year); occasional that it occurs infrequently under normal weather conditions (the chance of flooding is 5 to 50 percent in any year); frequent that it is likely to occur often under normal weather conditions (the chance of flooding is more than 50 percent in any year but is less than 50 percent in all months in any year); and very frequent that it is likely to occur very often under normal weather conditions (the chance of flooding is more than 50 percent in all months of any year).

The information is based on evidence in the soil profile, namely thin strata of gravel, sand, silt, or clay deposited by floodwater; irregular decrease in organic matter content with increasing depth; and little or no horizon development.

Also considered are local information about the extent and levels of flooding and the relation of each soil on the landscape to historic floods. Information on the extent of flooding based on soil data is less specific than that provided by detailed engineering surveys that delineate flood-prone areas at specific flood frequency levels.

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month     | Soil Saturation |                | Ponding                   |          |           | Flooding |            |
|-----------------------------|--------------------------|-----------|-----------------|----------------|---------------------------|----------|-----------|----------|------------|
|                             |                          |           | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency  |
|                             |                          |           | Ft              | Ft             | Ft                        |          |           |          |            |
| Ac:<br>Aquents-----         | C                        | January   | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | February  | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | March     | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | April     | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | May       | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | June      | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | July      | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | August    | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | September | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | October   | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | November  | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | December  | 1.0-3.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
| Af:<br>Aquolls-----         | D                        | January   | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | February  | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | March     | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | April     | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | May       | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | June      | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | July      | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | August    | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | September | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | October   | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | November  | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
|                             |                          | December  | 0.0             | >6.0           | 0.0-5.0                   | ---      | ---       | ---      | None       |
| ArA:<br>Arnegard-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| ArB:<br>Arnegard-----       |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| ArC:<br>Arnegard-----       |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Ba:<br>Banks-----           |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|                             | A                        | March     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                             |                          | April     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                             |                          | May       | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                             |                          | June      | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
| Bk:<br>Banks-----           | A                        | March     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                             |                          | April     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                             |                          | May       | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                             |                          | June      | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
| BoA:<br>Bowbells-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| BsB:<br>Bowbells-----       |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Williams-----               |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| BwA:<br>Bowdle-----         |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| ByB:<br>Bowdle-----         | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Stady-----                  |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| ByC:<br>Bowdle-----         |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Stady-----                  |                          |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name   | Hydro-<br>logic<br>group | Month    | Soil Saturation |                | Ponding                   |          |           | Flooding |           |
|-------------------------------|--------------------------|----------|-----------------|----------------|---------------------------|----------|-----------|----------|-----------|
|                               |                          |          | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency |
|                               |                          |          | Ft              | Ft             | Ft                        |          |           |          |           |
| CaE:<br>Cabba-----            | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| CbF:<br>Cabba-----            | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Shale Outcrop-----            | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| CF:<br>Cut And Fill Land----- | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| ChD:<br>Cohagen-----          | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Vebar-----                    | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| ChE:<br>Cohagen-----          | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Vebar-----                    | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Co:<br>Colvin-----            | C/D                      |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                               |                          | January  | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | February | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | March    | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | April    | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | May      | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | June     | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | October  | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | November | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | December | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Dm:<br>Dimmick-----           | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                               |                          | April    | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None      |
|                               |                          | May      | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None      |
|                               |                          | June     | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None      |
|                               |                          | July     | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None      |
| Dv:<br>Divide-----            | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                               |                          | April    | 2.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | May      | 2.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                               |                          | June     | 2.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| FaA:<br>Falkirk-----          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| FaB:<br>Falkirk-----          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| FbA:<br>Falkirk-----          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Max-----                      | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| FbB:<br>Falkirk-----          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Max-----                      | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| FbC:<br>Falkirk-----          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Max-----                      | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| FfA:<br>Farnuf-----           | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| FfB:<br>Farnuf-----           | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |

WATER FEATURES--Continued  
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| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month     | Soil Saturation |                | Ponding                   |          |           | Flooding |            |
|-----------------------------|--------------------------|-----------|-----------------|----------------|---------------------------|----------|-----------|----------|------------|
|                             |                          |           | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency  |
|                             |                          |           | Ft              | Ft             | Ft                        |          |           |          |            |
| F1D:<br>Flasher-----        | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| F1E:<br>Flasher-----        | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| FnA:<br>Flaxton-----        | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| FnB:<br>Flaxton-----        | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| FnC:<br>Flaxton-----        | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Fs:<br>Fossum-----          | B/D                      |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|                             |                          | January   | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | February  | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | March     | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | April     | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | May       | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | June      | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | July      | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | August    | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | September | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | October   | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | November  | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | December  | 0.5-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None       |
| GaA:<br>Grail-----          | C                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| GaB:<br>Grail-----          | C                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Gn:<br>Grano-----           | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|                             |                          | April     | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                             |                          | May       | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                             |                          | June      | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                             |                          | July      | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
| GoA:<br>Grassna-----        | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|                             |                          | April     | 4.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | May       | 4.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | June      | 4.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
| GP:<br>Gravel Pits-----     | A                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| HaA:<br>Hamerly-----        | C                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|                             |                          | April     | 2.0-4.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | May       | 2.0-4.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | June      | 2.0-4.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
| Hk:<br>Harriet-----         | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|                             |                          | January   | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | February  | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | March     | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | April     | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | Long     | Occasional |
|                             |                          | May       | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | Long     | Occasional |
|                             |                          | June      | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | Long     | Occasional |
|                             |                          | September | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | October   | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | November  | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                             |                          | December  | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |

WATER FEATURES--Continued  
McLean County, North Dakota

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| Map symbol<br>and soil name   | Hydro-<br>logic<br>group | Month    | Soil Saturation |                | Ponding                   |          |           | Flooding |            |
|-------------------------------|--------------------------|----------|-----------------|----------------|---------------------------|----------|-----------|----------|------------|
|                               |                          |          | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency  |
| Saline Land-----              | C                        |          | Ft              | Ft             | Ft                        |          |           |          |            |
|                               |                          | January  | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | February | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | March    | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | April    | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | May      | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | June     | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | October  | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | November | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
|                               |                          | December | 3.5-5.0         | 3.5-5.0        | ---                       | ---      | ---       | ---      | None       |
| Hn:<br>Havrelon-----          | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          | March    | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                               |                          | April    | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                               |                          | May      | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                               |                          | June     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
| Ho:<br>Havrelon-----          | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          | March    | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                               |                          | April    | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                               |                          | May      | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|                               |                          | June     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
| Hs:<br>Heil-----              | D                        |          |                 |                |                           |          |           |          |            |
|                               |                          | March    | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                               |                          | April    | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                               |                          | May      | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                               |                          | June     | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
|                               |                          | July     | 0.0             | >6.0           | 0.0-1.0                   | ---      | ---       | ---      | None       |
| IL:<br>Intermittent Lake----- | ---                      |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| KrB:<br>Krem-----             | A                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| La:<br>Lallie-----            | D                        |          |                 |                |                           |          |           |          |            |
|                               |                          | April    | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | Long     | Frequent   |
|                               |                          | May      | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | Long     | Frequent   |
|                               |                          | June     | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | Long     | Frequent   |
|                               |                          | July     | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
|                               |                          | August   | 0.0-1.0         | >6.0           | ---                       | ---      | ---       | ---      | None       |
| LaK:<br>Lake-----             | ---                      |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| LeB:<br>Lihen-----            | A                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| LeC:<br>Lihen-----            | A                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| LgE:<br>Lihen-----            | A                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Zahl-----                     | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| LmB:<br>Linton-----           | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Mandan-----                   | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| LmC:<br>Linton-----           | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Mandan-----                   | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| LmD:<br>Linton-----           | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Mandan-----                   | B                        |          |                 |                |                           |          |           |          |            |
|                               |                          |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month     | Soil Saturation |                | Ponding                   |          |           | Flooding |           |
|-----------------------------|--------------------------|-----------|-----------------|----------------|---------------------------|----------|-----------|----------|-----------|
|                             |                          |           | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency |
|                             |                          |           | Ft              | Ft             | Ft                        |          |           |          |           |
| LmE:<br>Linton-----         | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Mandan-----                 | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Lw:<br>Lohler-----          | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                             |                          | January   | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | February  | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | March     | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | April     | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May       | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June      | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | September | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | October   | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | November  | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | December  | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Ly:<br>Lohler-----          | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                             |                          | January   | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | February  | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | March     | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | April     | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May       | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June      | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | September | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | October   | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | November  | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | December  | 3.0-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Ma:<br>Makoti-----          | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                             |                          | January   | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | February  | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | March     | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | April     | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May       | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June      | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | September | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | October   | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | November  | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | December  | 5.0-6.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| MdA:<br>Mandan-----         | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| MdB:<br>Mandan-----         | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| MdC:<br>Mandan-----         | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Mf:<br>Marysland-----       | B/D                      |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                             |                          | March     | 0.0-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | April     | 0.0-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May       | 0.0-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June      | 0.0-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | July      | 0.0-1.5         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| MgB:<br>Max-----            | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| MhC:<br>Max-----            | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Bowbells-----               | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Zahl-----                   | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| MLC:<br>Max-----            | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month    | Soil Saturation |                | Ponding                   |          |           | Flooding |           |
|-----------------------------|--------------------------|----------|-----------------|----------------|---------------------------|----------|-----------|----------|-----------|
|                             |                          |          | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency |
| Zahl-----                   | B                        |          | Ft<br>---       | Ft<br>---      | Ft<br>---                 | ---      | ---       | ---      | ---       |
| M1D:<br>Max-----            | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Zahl-----                   | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| MoC:<br>Morton-----         | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| NbA:<br>Niobell-----        | C                        | April    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May      | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June     | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Williams-----               | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| NbB:<br>Niobell-----        | C                        | April    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May      | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June     | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Williams-----               | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| NmB:<br>Noonan-----         | D                        | April    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May      | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June     | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Miranda-----                | D                        | March    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | April    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May      | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June     | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| NmD:<br>Noonan-----         | D                        | April    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May      | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June     | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| Miranda-----                | D                        | March    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | April    | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | May      | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
|                             |                          | June     | 3.5-5.0         | >6.0           | ---                       | ---      | ---       | ---      | None      |
| NtA:<br>Nutley-----         | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| NtB:<br>Nutley-----         | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Or:<br>Orthents-----        | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Pa:<br>Parnell-----         | D                        | January  | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | February | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | March    | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | April    | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | May      | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | June     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | July     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | November | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | December | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
| Pe:                         |                          |          |                 |                |                           |          |           |          |           |

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month     | Soil Saturation |                | Ponding                   |          |           | Flooding  |           |
|-----------------------------|--------------------------|-----------|-----------------|----------------|---------------------------|----------|-----------|-----------|-----------|
|                             |                          |           | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration  | Frequency |
| Parnell-----                | D                        |           | Ft              | Ft             | Ft                        |          |           |           |           |
|                             |                          | January   | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | February  | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | March     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | April     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | May       | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | June      | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | July      | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | November  | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
|                             |                          | December  | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---       | None      |
| PhA:<br>Parshall-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| PhB:<br>Parshall-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| PhC:<br>Parshall-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| PhD:<br>Parshall-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| PoA:<br>Parshall-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| PoB:<br>Parshall-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RgC:<br>Regent-----         | C                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RhB:<br>Rhoades-----        | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| Rm:<br>Riverwash-----       | D                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
|                             |                          | January   | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | ---       | None      |
|                             |                          | February  | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | ---       | None      |
|                             |                          | March     | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | April     | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | May       | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | June      | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | July      | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | August    | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | September | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | October   | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | November  | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | Very long | Frequent  |
|                             |                          | December  | 0.0-2.0         | >6.0           | ---                       | ---      | ---       | ---       | None      |
| Ro:<br>Roseglen-----        | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RpB:<br>Roseglen-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| Tansem-----                 | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RpC:<br>Roseglen-----       | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| Tansem-----                 | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RsA:<br>Ruso-----           | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RtB:<br>Ruso-----           | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| Manning-----                | B                        |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |
| RtC:                        |                          |           | ---             | ---            | ---                       | ---      | ---       | ---       | ---       |



WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name                | Hydro-<br>logic<br>group | Month    | Soil Saturation |                | Ponding                   |          |           | Flooding |            |
|--|--------------------------|----------|-----------------|----------------|---------------------------|----------|-----------|----------|------------|
|  |                          |          | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency  |
|  |                          |          | Ft              | Ft             | Ft                        |          |           |          |            |
| Ruso-----                                  | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Manning-----                               | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| RxB:<br>Ruso-----                          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Manning-----                               | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| RyC:<br>Ruso-----                          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Wabek-----                                 | A                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| RzA:<br>Ruso-----                          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| SeD:<br>Seroco-----                        | A                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Sn:<br>Sinai-----                          | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| St:<br>Straw-----                          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Sx:<br>Straw-----                          | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|  |                          | March    | ---             | ---            | ---                       | ---      | ---       | Brief    | Frequent   |
|  |                          | April    | ---             | ---            | ---                       | ---      | ---       | Brief    | Frequent   |
|  |                          | May      | ---             | ---            | ---                       | ---      | ---       | Brief    | Frequent   |
| TLC:<br>Telfer-----                        | A                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Lihen-----                                 | A                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Tp:<br>Tonka-----                          | C/D                      |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|  |                          | April    | 0.0             | >6.0           | 0.0-0.5                   | ---      | ---       | ---      | None       |
|  |                          | May      | 0.0             | >6.0           | 0.0-0.5                   | ---      | ---       | ---      | None       |
|  |                          | June     | 0.0             | >6.0           | 0.0-0.5                   | ---      | ---       | ---      | None       |
| Parnell-----                               | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|  |                          | January  | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | February | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | March    | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | April    | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | May      | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | June     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | July     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | November | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
|  |                          | December | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None       |
| Tr:<br>Trembles-----                       | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
|  |                          | April    | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|  |                          | May      | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
|  |                          | June     | ---             | ---            | ---                       | ---      | ---       | Brief    | Occasional |
| VwC:<br>Vebar-----                         | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Williams-----                              | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| W:<br>Water (water Areas >40<br>Acres----- | ---                      |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| WaB:<br>Wabek-----                         | A                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |
| Zahl-----                                  | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---        |

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month | Soil Saturation |                | Ponding                   |          |           | Flooding |           |
|-----------------------------|--------------------------|-------|-----------------|----------------|---------------------------|----------|-----------|----------|-----------|
|                             |                          |       | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency |
| Max-----                    | B                        |       | Ft              | Ft             | Ft                        |          |           |          |           |
| WAD:                        |                          |       |                 |                |                           |          |           |          |           |
| Wabek-----                  | A                        |       |                 |                |                           |          |           |          |           |
| Zahl-----                   | B                        |       |                 |                |                           |          |           |          |           |
| Max-----                    | B                        |       |                 |                |                           |          |           |          |           |
| WbB:                        |                          |       |                 |                |                           |          |           |          |           |
| Wabek-----                  | A                        |       |                 |                |                           |          |           |          |           |
| WbD:                        |                          |       |                 |                |                           |          |           |          |           |
| Wabek-----                  | A                        |       |                 |                |                           |          |           |          |           |
| WLB:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| WmA:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| WmB:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| WoA:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| Bowbells-----               | B                        |       |                 |                |                           |          |           |          |           |
| WoB:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| Bowbells-----               | B                        |       |                 |                |                           |          |           |          |           |
| WoC:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| Bowbells-----               | B                        |       |                 |                |                           |          |           |          |           |
| WpB:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| Bowbells-----               | B                        |       |                 |                |                           |          |           |          |           |
| Zahl-----                   | B                        |       |                 |                |                           |          |           |          |           |
| WrB:                        |                          |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| Sinkhole-----               | B                        |       |                 |                |                           |          |           |          |           |
| WsA:                        |                          |       |                 |                |                           |          |           |          |           |
| Wilton-----                 | B                        |       |                 |                |                           |          |           |          |           |
| WtB:                        |                          |       |                 |                |                           |          |           |          |           |
| Wilton-----                 | B                        |       |                 |                |                           |          |           |          |           |
| Temvik-----                 | B                        |       |                 |                |                           |          |           |          |           |
| WwC:                        |                          |       |                 |                |                           |          |           |          |           |
| Wilton-----                 | B                        |       |                 |                |                           |          |           |          |           |
| Williams-----               | B                        |       |                 |                |                           |          |           |          |           |
| ZcE:                        |                          |       |                 |                |                           |          |           |          |           |
| Zahl-----                   | B                        |       |                 |                |                           |          |           |          |           |
| Cabba-----                  | D                        |       |                 |                |                           |          |           |          |           |
| ZmE:                        |                          |       |                 |                |                           |          |           |          |           |

WATER FEATURES--Continued  
McLean County, North Dakota

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

| Map symbol<br>and soil name | Hydro-<br>logic<br>group | Month    | Soil Saturation |                | Ponding                   |          |           | Flooding |           |
|-----------------------------|--------------------------|----------|-----------------|----------------|---------------------------|----------|-----------|----------|-----------|
|                             |                          |          | Upper<br>limit  | Lower<br>limit | Surface<br>water<br>depth | Duration | Frequency | Duration | Frequency |
| Zahl-----                   | B                        |          | Ft              | Ft             | Ft                        |          |           |          |           |
| Max-----                    | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| ZpE:<br>Max-----            | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Zahl-----                   | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Parnell-----                | D                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
|                             |                          | January  | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | February | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | March    | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | April    | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | May      | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | June     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | July     | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | November | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
|                             |                          | December | 0.0             | >6.0           | 0.0-2.0                   | ---      | ---       | ---      | None      |
| ZwC:<br>Zahl-----           | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |
| Williams-----               | B                        |          | ---             | ---            | ---                       | ---      | ---       | ---      | ---       |

